

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~Multilayer~~ A multilayer film, ~~encompassing~~
comprising at least one upper layer a) and one middle layer b) ~~composed of~~ comprising
(meth)acrylate copolymers, and also a backing layer c) ~~composed of~~ comprising
polycarbonate,

~~characterized in that~~ wherein

- a) the at least one upper layer comprises a light stabilizer and ~~is composed of~~ a
(meth)acrylate copolymer which can form semicompatible mixtures with the
polycarbonate of the backing layer c), ~~where~~ wherein a test specimen
produced from a mixture ~~composed of~~ comprising 20% by weight of the
(meth)acrylate copolymer and 80% by weight of polycarbonate has a tensile
strain at break of at least 75% (ISO 527-2) at 23°C,
- b) the middle layer comprises a dye and, ~~where appropriate~~ optionally ~~[[,]]~~ a light
stabilizer, and ~~is composed of an~~ identical or different (meth)acrylate
~~copolymer~~ copolymers which can form semicompatible mixtures with the
polycarbonate of the backing layer c), ~~where~~ wherein a test specimen
produced from a mixture ~~composed of~~ comprising 20% by weight of the
(meth)acrylate ~~copolymer~~ copolymers and 80% by weight of polycarbonate
has a tensile strain at break of at least 75% (ISO 527-2) at 23°C, and
- c) the backing layer ~~is composed of~~ comprises polycarbonate which can, ~~where~~
~~appropriate,~~ optionally comprise up to 30% by weight of the material of the
layers a) and b).

Claim 2 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1, ~~characterized in that~~ wherein the (meth)acrylate copolymers ~~are composed of~~ comprise the following units:

- a) from 95 to 5% by weight of methyl methacrylate units and, ~~where appropriate,~~ optionally from 0 to 40% by weight of other vinylic monomer units and
- b) from 5 to 95% by weight of esters of (meth)acrylic acid, which may comprise ~~have~~ the following radicals in the ester group:

cycloalkyl or a multiple-alkyl-substituted cycloalkyl radical comprising ~~having~~ from 5 to 12 carbon atoms, where the radicals mentioned may have bonding to the (meth)acrylic acid carboxyl radical by way of alkylene groups ~~having~~ comprising from 1 to 6 carbon atoms, which may also have branching, or oxyalkylene groups ~~having~~ comprising from 2 to 4 carbon atoms.

Claim 3 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 or 2, ~~characterized in that~~ wherein the (meth)acrylate copolymers comprise ~~are composed of~~ from 60 to 95% by weight of methyl methacrylate and from 40 to 5% by weight of cyclohexyl methacrylate.

Claim 4 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 ~~one or more of Claims 1 to 3,~~ ~~characterized in that~~ wherein the solution viscosity of the (meth)acrylate copolymers in chloroform at 25°C (ISO 1628 – Part 6) is in the range from 50 to 80 ml/g.

Claim 5 (Currently Amended): ~~Multilayer~~ The multilayer film according to ~~one or more of Claims 1 to 4~~ Claim 1, ~~characterized in that~~ wherein the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least 105°C.

Claim 6 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 ~~one or more of Claims 1 to 5~~, ~~characterized in that~~ wherein below the carbonate layer c) there is also an optional adhesion-promoting layer (primer layer), and a layer comprising ~~composed~~ of a plastic, which may optionally have been fibre-reinforced.

Claim 7 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 6, ~~characterized in that~~ wherein the layer ~~composed of~~ comprising the plastic has been applied by back-moulding or back-foaming and the ~~type of plastic encompasses~~ comprises acrylate-styrene-acrylonitrile graft copolymer (ASA), polybutylene terephthalate or polyurethane.

Claim 8 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 ~~one or more of Claims 1 to 6~~, ~~characterized in that~~ wherein the middle layer has opaque coloration.

Claim 9 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 ~~one or more of Claims 1 to 8~~, ~~characterized in that~~ wherein the polycarbonate of the backing layer has an average molar mass Mw in the range from ~~35 000~~ 35,000 to ~~70 000~~ 70,000.

Claim 10 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 1 ~~one or more of Claims 1 to 9~~, ~~characterized in that~~ wherein the selection of the (meth)acrylate copolymers and of the polycarbonate is such that the tensile strain at break (ISO 527-2) at

100°C, calculated as a relative value, for a test specimen produced from a mixture comprising ~~composed~~ of 20% by weight of (meth)acrylate ~~copolymer~~ copolymers and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 11 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 10, ~~characterized in that~~ wherein the absolute value of the tensile strain at break (ISO 527-2) at 100°C is 120% or greater.

Claim 12 (Currently Amended): ~~Multilayer~~ The multilayer film according to Claim 10 ~~or 11, characterized in that~~ wherein a test specimen produced from a mixture comprising ~~composed~~ of 20% by weight of (meth)acrylate ~~copolymer~~ copolymers and 80% by weight of polycarbonate ~~has~~ comprises at least four of the following five ~~further~~ properties:

- I. a Vicat softening point VSP (ISO 306-B50) of at least 130°C
- II. a modulus of elasticity (ISO 527-2) at 23°C of at least 2000 MPa
- III. a modulus of elasticity (ISO 527-2) at 100°C of at least 1800 MPa
- IV. a tensile strain at break (ISO 527-2) at 23°C which is at least 70% of the value for the polycarbonate present
- V. a melt index MVR (ISO 1133, 230°C/3.8 kg) of from 0.5 to 2.0 cm³/10 min.

Claim 13 (Currently Amended): ~~Process~~ A process for producing a multilayer film according to ~~one or more of Claims 1 to 11~~ Claim 1, comprising coextruding in a manner known per se via coextrusion of the layers a), b) and c) to form the multilayer film.

Claim 14 (Original): Process according to Claim 13, characterized in that film waste is comminuted and directly used as backing layer c) or admixed in the melt with the material for the backing layer c), and the multilayer film composed of the melts a), b) and a melt of the backing layer c) is coextruded, and the procedure may take place two or more times, with the proviso that backing layer c) cannot comprise more than 30% by weight of the material of the layers a) and b).

Claim 15 (Currently Amended): A method of forming ~~Use of a multilayer film according to one or more of Claims 1 to 12 for a substrate selected from the group consisting of exterior surfaces of household appliances, of communication devices, of equipment for hobbies or for sports, equipment for sports, of bodywork parts or of~~ and parts of bodywork parts in the construction of cars, ships or aircraft, comprising forming the substrate with the multilayer film of Claim 1.

Claim 16 (Currently Amended): Semicompatible polymer mixture ~~composed of comprising~~ a (meth)acrylate copolymer and of a polycarbonate, ~~characterized in that wherein~~ a test specimen produced from the polymer mixture is not transparent but is translucent as a consequence of the semicompatibility of the polymers, and wherein the tensile strain at break (ISO 527-2) at 100°C, calculated as a relative value, of a test specimen produced from a mixture ~~composed of comprising~~ 20% by weight of (meth)acrylate ~~copolymer copolymers~~ and 80% by weight of polycarbonate is at least 90% of the value for the polycarbonate present.

Claim 17 (Original): Semicompatible polymer mixture according to Claim 16, wherein the polymer's location is between the two semicompatible polymers at the interface between these in the case of mouldings, with a layer structure and/or in that it is a unitary moulding or a part of such a moulding, composed entirely of the semicompatible polymer mixture.

Claim 18 (Currently Amended): ~~Semicompatible polymer mixture according to Claim 16 or 17, characterized in that it is present in a~~ A multilayer film comprising the semicompatible polymer mixture of Claim 17 and an upper layer a), a middle layer b), and a backing layer c), wherein the polymer mixture is present at ~~according to Claims 1 to 12 at the boundary between layer b) and the backing layer c) and, where appropriate~~ optionally, is present in the layer c), to the extent that the latter comprises proportions of layers a) and b).

Claim 19 (New): The multilayer film according to Claim 2, wherein the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least 105°C.

Claim 20 (New): The multilayer film according to Claim 3, wherein the Vicat softening point VSP (ISO 306-B50) of the (meth)acrylate copolymers is at least 105°C.